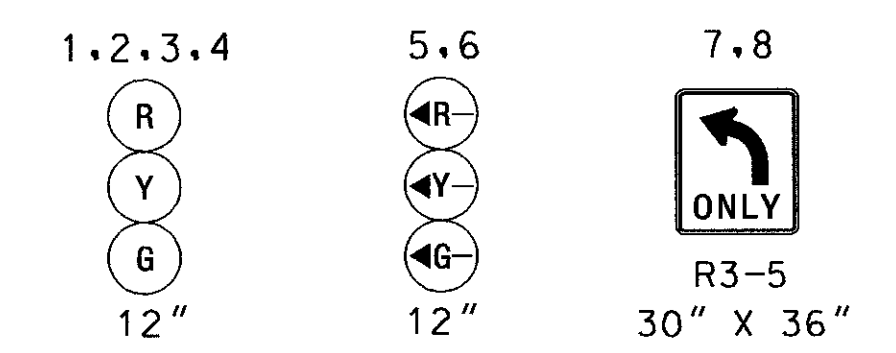
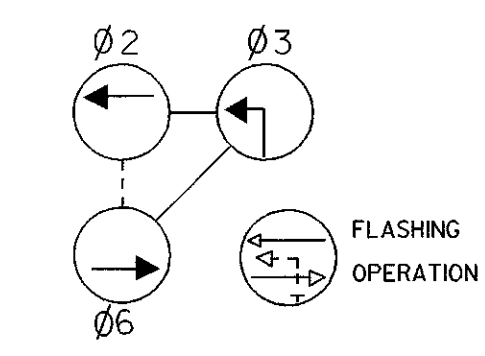


SB I-270 RAMP
ASSUMED TO RUN IN A
NORTH/SOUTH DIRECTION

PROPOSED SIGNS/SIGNALS

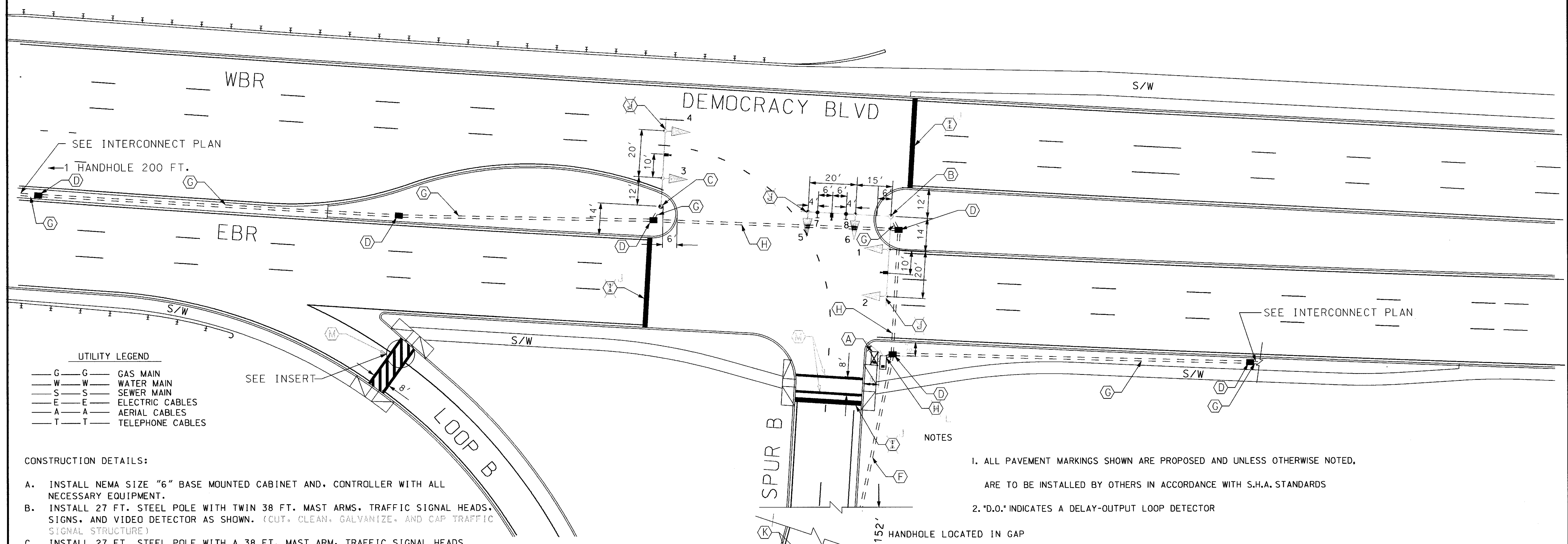


NEMA PHASING



PHASING NOTES

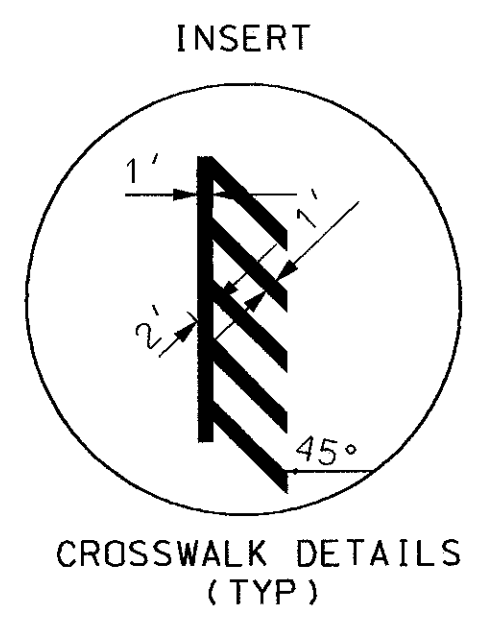
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



- UTILITY LEGEND
- G — G — GAS MAIN
 - W — W — WATER MAIN
 - S — S — SEWER MAIN
 - E — E — ELECTRIC CABLES
 - A — A — AERIAL CABLES
 - T — T — TELEPHONE CABLES

CONSTRUCTION DETAILS:

- INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND, CONTROLLER WITH ALL NECESSARY EQUIPMENT.
- INSTALL 27 FT. STEEL POLE WITH TWIN 38 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS, AND VIDEO DETECTOR AS SHOWN. (CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE)
- INSTALL 27 FT. STEEL POLE WITH A 38 FT. MAST ARM, TRAFFIC SIGNAL HEADS AND VIDEO DETECTOR AS SHOWN. (CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE)
- INSTALL HANDHOLE.
- INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- INSTALL 2 IN. POLYVINYL CHLORIDE (SCH 80) ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 3 IN. POLYVINYL CHLORIDE (SCH 80) ELECTRICAL CONDUIT-SLOTTED.
- INSTALL 4 IN. POLYVINYL CHLORIDE (SCH 80) ELECTRICAL CONDUIT-SLOTTED.
- INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
- CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL MAST ARM.
- INSTALL MICRO-LOOP PROBE SET.
- INSTALL 4 IN. POLYVINYL CHLORIDE (SCH 80) ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 12 IN. HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.



NOTES

- ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS
- "D.O." INDICATES A DELAY-OUTPUT LOOP DETECTOR

REVISION NO. 2 02/22/2001 REPLACE SHEET
ADDENDUM NO. 1 02/22/2001 NEW SHEET

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION <i>Office of Traffic & Safety</i> TRAFFIC ENGINEERING DESIGN DIVISION			
I-270 WEST SPUR AT DEMOCRACY BOULEVARD AND WESTLAKE TERRACE DEMOCRACY BLVD AT SPUR B - ULTIMATE SIGNAL			
DRAWN BY: MB	F.A.P. NO. M09025172	TS NO. 4054-1	SHEET NO. 236 OF 296
CHECKED BY: STB	S.H.A. NO. MONTGOMERY	T.I.M.S. NO. D 837	
SCALE: 1"=20'	COUNTY: MONTGOMERY	LOG MILE: 15Y27000.91	
DATE: MARCH 2001			

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND